

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An expandable stent for use at an ostium, comprising:

a tubular body having a longitudinal axis, a proximal end and a distal end, said tubular body being constructed from a ~~first material~~ cobalt-chrome alloy;

at least one flaring member comprised of a short segment and a long segment, said at least one flaring member being constructed from a ~~second material different than said first material~~ nickel-titanium alloy, wherein said at least one flaring member is attached to the proximal end of said tubular body with the short segment and the long segment both parallel to the longitudinal axis of said tubular body in an unexpanded configuration; and

a weld connecting said at least one flaring member to said tubular body;

wherein the short segment of said at least one flaring member remains generally parallel to the longitudinal axis of said tubular body in an expanded configuration, and the long segment of said at least one flaring member becomes generally perpendicular to the longitudinal axis of said tubular body in the expanded configuration.

Claim 2 (original): The expandable stent of claim 1, further comprising a retaining structure covering only said at least one flaring member, wherein the removal of said retaining structure results in the expanded configuration of said at least one flaring member.

Claim 3 (cancelled).

Claim 4 (currently amended): The expandable stent of ~~claim 3~~ claim 1, wherein the cobalt-chrome alloy is MP35N.

Claim 5 (cancelled).

Claim 6 (cancelled).

Claim 7 (currently amended): The expandable stent of claim 1, wherein said ~~second material~~ nickel-titanium alloy is nitinol.

Claim 8 (original): The expandable stent of claim 1, wherein said tubular body is placed onto a balloon of a balloon catheter for expansion within a body lumen.

Claim 9 (original): The expandable stent of claim 1, wherein the short segment of said at least one flaring member has a length in the range of about 0.4 to 1.0 millimeters.

Claim 10 (original): The expandable stent of claim 1, wherein the long segment of said at least one flaring member has a length in the range of about 1.0 to 5.0 millimeters.

Claim 11 (original): The expandable stent of claim 1, wherein the expandable stent is a multiple module prosthesis and the multiple modules are fixed together.

Claim 12 (original): The expandable stent of claim 11, wherein the multiple modules are fixed together by welds.

Claim 13 (currently amended): An ostium stent system, comprising:
a balloon catheter, wherein the balloon catheter includes a balloon mounted on a distal portion of the balloon catheter; and
a stent mounted on the balloon, the stent including:
a tubular body having a longitudinal axis, a proximal end and a distal end, wherein the tubular body is constructed from a ~~first material~~ cobalt-chrome alloy and is expanded by inflation of the balloon;
at least one flaring member ~~weld-connected to~~ disposed adjacent the proximal end of said tubular body, wherein said at least one flaring member is made from a ~~second material different than the first material~~ nickel-titanium alloy and is self expandable; and
a weld connecting said at least one flaring member to said tubular body; and

a retaining structure covering only said at least one flaring member, wherein the removal of said retaining structure results in the expanded configuration of said at least one flaring member.

Claim 14 (cancelled).

Claim 15 (currently amended): The ostium stent system of ~~claim 14~~claim 13, wherein the cobalt-chrome alloy is MP35N.

Claim 16 (cancelled).

Claim 17 (cancelled).

Claim 18 (currently amended): The ostium stent system of claim 13, wherein said ~~second material~~ nickel-titanium alloy is nitinol.

Claim 19 (original): The ostium stent system of claim 13, wherein said at least one flaring member is comprised of a short segment and a long segment, wherein said at least one flaring member is attached to the proximal end of said tubular body with the short segment and the long segment both generally parallel to the longitudinal axis of said tubular body in an unexpanded configuration, and wherein the short segment of said at least one flaring member remains generally parallel to the longitudinal axis of said tubular body in an expanded configuration, and the long segment of said at least one flaring member becomes generally perpendicular to the longitudinal axis of said tubular body in the expanded configuration.

Claim 20 (original): The ostium stent system of claim 19, wherein the short segment of said at least one flaring member has a length in the range of about 0.4 to 1.0 millimeters.

Claim 21 (original): The ostium stent system of claim 19, wherein the long segment of said at least one flaring member has a length in the range of about 1.0 to 5.0 millimeters.

Claim 22 (original): The ostium stent system of claim 14, wherein the stent is a multiple module prosthesis and the multiple modules are fixed together.

Claim 23 (original): The ostium stent system of claim 22 wherein the multiple modules are fixed together by welds.

Claim 24 (currently amended): An ostium stent system, comprising:
a balloon catheter, wherein the balloon catheter includes a balloon mounted on a distal portion of the balloon catheter; and
a stent mounted on the balloon, the stent including:
a tubular body having a longitudinal axis, a proximal end and a distal end, said tubular body being constructed from a ~~first material~~ cobalt-chrome alloy, wherein the tubular body is expanded by inflation of the balloon; ~~and~~
at least one flaring member ~~weld-connected to~~ disposed adjacent the proximal end of said tubular body, said at least one flaring member being made from a ~~second material different than said first material~~ nickel-titanium alloy, wherein said at least one flaring member is self expandable; ~~and~~
a weld connecting said at least one flaring member to said tubular body.

Claim 25 (original): The ostium stent system of claim 24 further comprising a retaining structure covering only said at least one flaring member, wherein the removal of said retaining structure results in the expanded configuration of said at least one flaring member.

Claim 26 (cancelled).

Claim 27 (currently amended): The ostium stent system of claim 24, wherein said ~~first material~~ cobalt-chrome alloy is MP35N.

Claim 28 (cancelled).

Claim 29 (currently amended): The ostium stent system of claim 24, wherein said ~~second material~~ nickel-titanium alloy is nitinol.

Claim 30 (original): The ostium stent system of claim 24, wherein said at least one flaring member is comprised of a short segment and a long segment, wherein said at least one flaring member is attached to the proximal end of said tubular body with the short segment and the long segment both generally parallel to the longitudinal axis of said tubular body in an unexpanded configuration, and wherein the short segment of said at least one flaring member remains generally parallel to the longitudinal axis of said tubular body in an expanded configuration, and the long segment of said at least one flaring member becomes generally perpendicular to the longitudinal axis of said tubular body in the expanded configuration.

Claim 31 (original): The ostium stent system of claim 30, wherein the short segment of said at least one flaring member has a length in the range of about 0.4 to 1.0 millimeters.

Claim 32 (original): The ostium stent system of claim 30, wherein the long segment of said at least one flaring member has a length in the range of about 1.0 to 5.0 millimeters.

Claim 33 (original): The ostium stent system of claim 24, wherein the stent is a multiple module prosthesis and the multiple modules are fixed together.

Claim 34 (original): The ostium stent system of claim 33, wherein the multiple modules are fixed together by welds.